

Mini Biographies

- *Emily Manchester*: is a Research Fellow in Cardiovascular Fluid Dynamics at the University of Manchester. She received her PhD in Cardiovascular Engineering from Imperial College London in 2021. Her primary research interests are developing and utilising numerical models to understand cardiovascular disease and improve patient outcomes. Specifically, her research is focused on developing accurate and efficient numerical and imaging-based methods to quantify turbulence in the cardiovascular system, with the long-term goal of correlating turbulence with heart and artery disease progression. This research will allow us to understand how turbulent blood flow affects disease in individual patients and ultimately seek improvements in treatments for these patients.